

What is claimed is:

1. A data transmission apparatus for transmitting image data over a network, the data transmission apparatus comprising:

an image reader for obtaining image data by reading an original document;

a storage device in which the image data obtained is stored;

request means for requesting that a recipient to which the image data stored in the storage device is to be sent designates contents of conversion processes to be performed to the image data;

first receiving means for receiving recipient's designation of the contents of the conversion processes;

second receiving means for receiving the recipient's designation of the contents of the conversion processes via a transmission medium different from that used by the first receiving means;

switching means for switching receiving means that receives the recipient's designation of the contents of the conversion processes to the first or second receiving means depending on the recipient;

conversion means for, based on the contents of the conversion processes designated, performing the conversion processes to the image data stored in the storage device; and

transmission means for sending to the recipient the image data that has undergone the conversion processes.

2. A data transmission apparatus according to claim 1, wherein the request means have mail transmission means for sending an e-mail to request the recipient's designation of the contents of the conversion processes.

3. A data transmission apparatus according to claim 2, wherein the first receiving means receive the recipient's designation of the contents of the conversion processes based on an instruction sent from the recipient via a setting screen that is used to designate the contents of the conversion processes and that

was referred to by the recipient based on information that was attached to the e-mail and indicates location of data for the setting screen,

and wherein the second receiving means receive the recipient's designation of the contents of the conversion processes via an e-mail that was returned from the recipient in response to the e-mail sent by the mail transmission means.

4. A data transmission apparatus according to claim 3, wherein the switching means switch receiving means that receives the recipient's designation of the contents of the conversion processes to the first receiving means when a domain name in an e-mail address of the recipient is identical to a domain name in an e-mail address of a sender, and to the second receiving means when the domain name in the e-mail address of the recipient is different from the domain name in the e-mail address of the sender.

5. A data transmission apparatus according to claim 1, wherein the conversion processes include at least a resolution conversion process, a color conversion process or a file format conversion process.

6. A data transmission apparatus according to claim 1, further comprising recipient change receiving means for receiving an instruction to change the recipient,

and wherein the transmission means send the image data that has undergone the conversion processes to a new recipient when the recipient is changed.

7. A data transmission method for transmitting image data over a network, the data transmission method comprising the steps of:

- a) obtaining image data by reading an original document;
- b) storing the image data obtained in a storage device;
- c) requesting that a recipient to which the image data stored in the storage device is to be sent designates contents of conversion processes to be

performed to the image data;

d) receiving designation of the contents of the conversion processes via one of multiple different transmission media specified depending on the recipient;

e) performing the conversion processes to the image data stored in the storage device based on the contents of the conversion processes designated; and

f) sending to the recipient the image data that has undergone the conversion processes.

8. A data transmission program that causes a computer to execute a process comprising the steps of:

a) requesting that a recipient to which image data is to be sent designates contents of conversion processes to be performed to the image data;

b) setting a transmission medium, by which recipient's designation of the contents of the conversion processes is received, to a first transmission medium or to a second transmission medium depending on the recipient;

c) receiving the recipient's designation of the contents of the conversion processes via the transmission medium set at step (b);

d) performing the conversion processes to the image data to be sent based on the contents of the conversion processes designated; and

e) sending the image data that has undergone the conversion processes to the recipient.

9. A data transmission program according to claim 8, wherein request for the recipient's designation of the contents of the conversion processes at step (a) is made through transmission of an e-mail.

10. A data transmission program according to claim 9, wherein the recipient's designation of the contents of the conversion processes is received at step (c) via an instruction sent from the recipient using a setting screen that is used to designate the contents of the conversion processes and that was referred to by the recipient based on information that was attached to the e-mail and indicates location of data for the setting screen if the transmission medium is set

to the first transmission medium at step (b), and the recipient's designation of the contents of the conversion processes is received at step (c) via an e-mail returned in response to the e-mail sent at step (a) if the transmission medium is set to the second transmission medium at step (b).

11. A data transmission program according to claim 10, wherein, at step (b), the transmission medium is set to the first transmission medium when a domain name in an e-mail address of the recipient is identical to a domain name in an e-mail address of a sender, and the transmission medium is set to the first transmission medium when the domain name in the e-mail address of the recipient is different from the domain name in the e-mail address of the sender.

12. A data transmission program according to claim 8, wherein the process to be executed by the computer further comprises a step of receiving an instruction to change the recipient, and when the recipient is changed, the image data that has undergone the conversion processes is sent to the new recipient at step (e).

13. A recording medium readable by a computer in which the data transmission program recited in claim 8 is stored.